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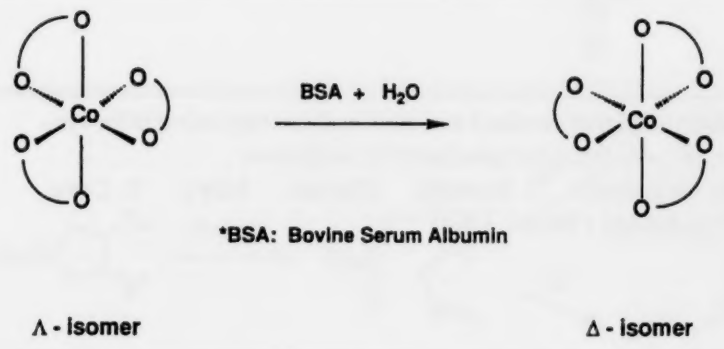

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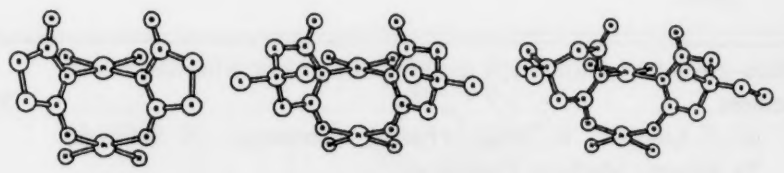

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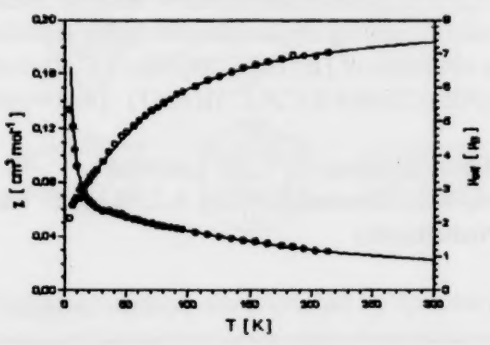

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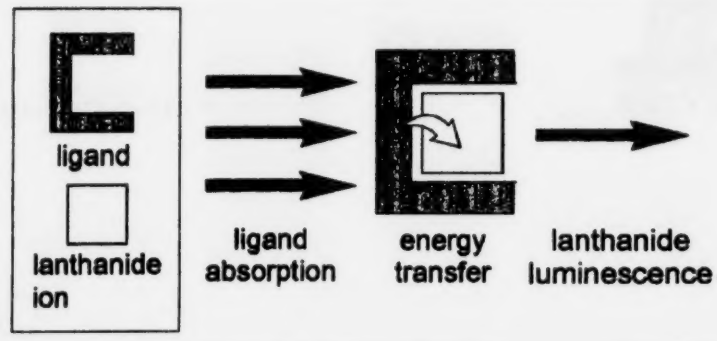
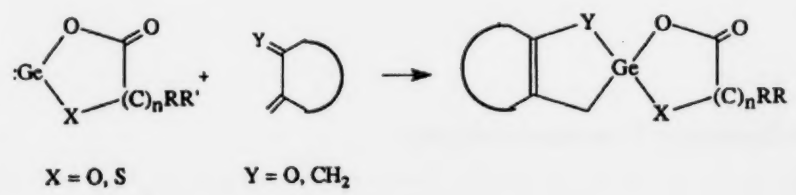
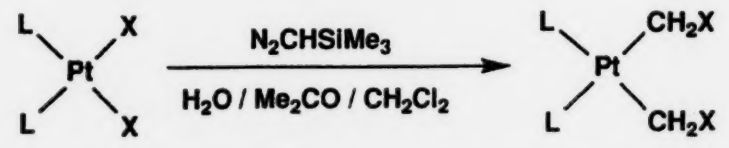
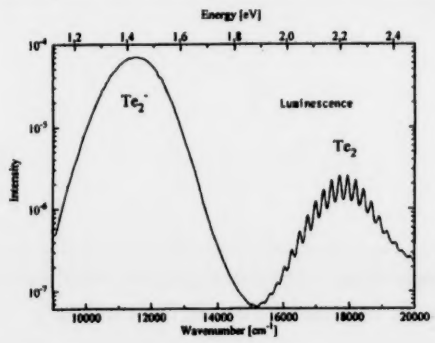
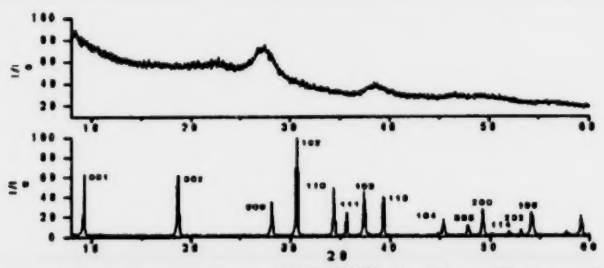
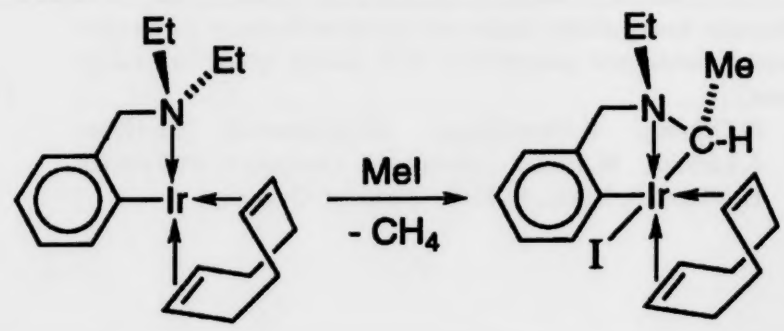
Luminescence of Eu^{3+} and Tb^{3+} complexes of new macrobicyclic ligands derived from *p*-tert-butylcalix[4]arene ..... N. Sabbatini (Bologna, Italy), A. Casnati, C. Fischer, R. Girardini (Parma, Italy), M. Guardigli, I. Manet, G. Sarti (Bologna, Italy), R. Ungaro (Parma, Italy)	19	
Physical-chemical studies and reactivity of new divalent germanium species ..... S. Mazières, H. Lavayssière, G. Dousse, J. Satgé (Toulouse, France)	25	
Trimethylsilyldiazomethane as a diazomethane equivalent in the synthesis of (α-halomethyl)platinum(II) complexes ..... P. Bergamini, O. Bortolini (Ferrara, Italy), E. Costa, P.G. Pringle (Bristol, UK)	33	
Blue–green ultramarine-type zeolites with dimeric tellurium colour centres ..... G.-G. Lindner, K. Witke (Berlin, Germany), H. Schlaich, D. Reinen (Marburg, Germany)	39	
Metal selective redox processes in the ternary compound ZrSiTe ... W. Bensch, P. Dürichen, O. Helmer (Frankfurt a.M., Germany), A. Reller, U. Sazama (Hamburg, Germany)	47	 X-ray powder pattern of ZrSiTe before (bottom) and after reaction with O_2/H_2O (top)
Intramolecular C–H activation and oxidative addition reactions of iridium complexes containing arylamines with bulky substituents on nitrogen; X-ray structures of [$Ir^{I}(C_6H_4CH_2NEt_2$-2-*C*,*N*)(cod)] and [$Ir^{III}(C_6H_4CH_2NEt(CHMe)$-2-*C*,*N*,*C*′)I(cod)] (cod = cycloocta-1,5-diene)..... I.C.M. Wehman-Ooyevaar, I.F. Luitwieler, K. Vatter, D.M. Grove, W.J.J. Smeets, E. Horn, A.L. Spek, G. van Koten (Utrecht, Netherlands)	55	

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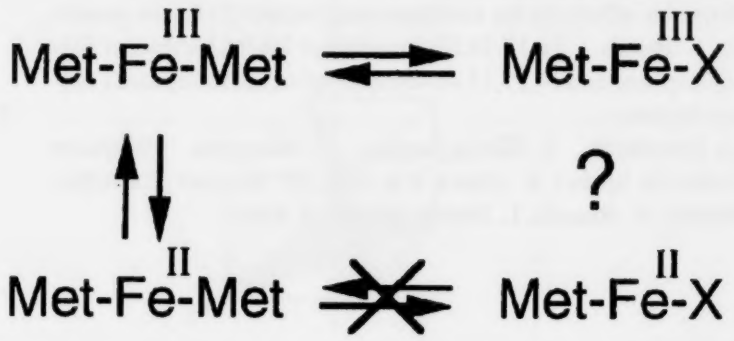

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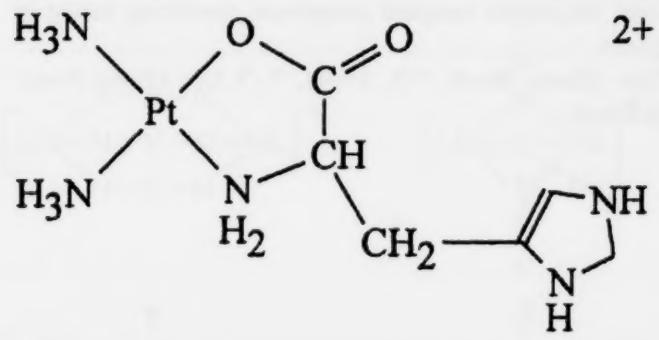

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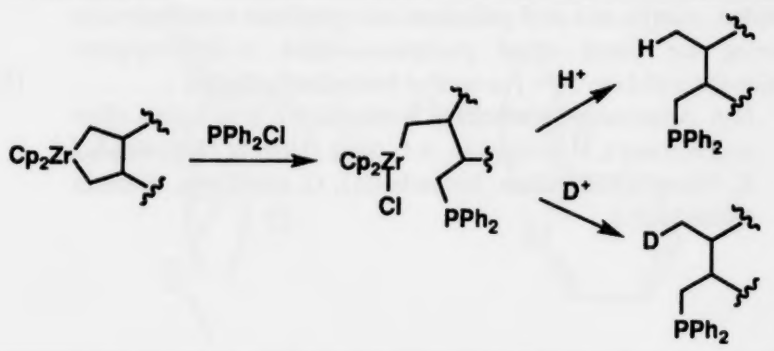

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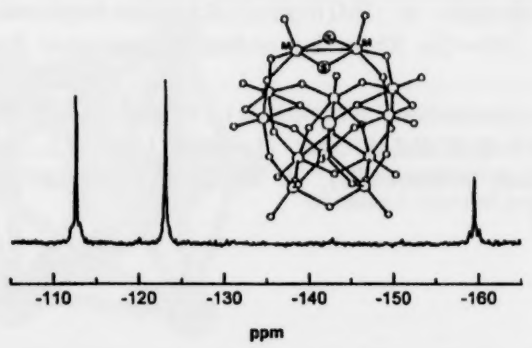

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$PR_3 = P(NC_4H_4)_3$; $P(NC_4H_4)_2(C_6H_5)$; $P(NC_4H_4)(C_6H_5)_2$; $P(NC_4H_8)_3$

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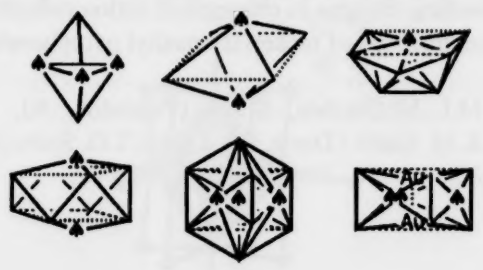

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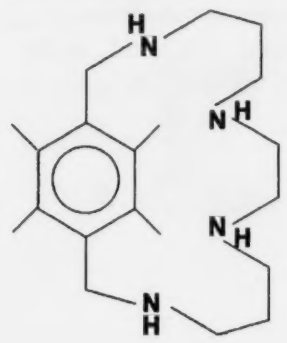
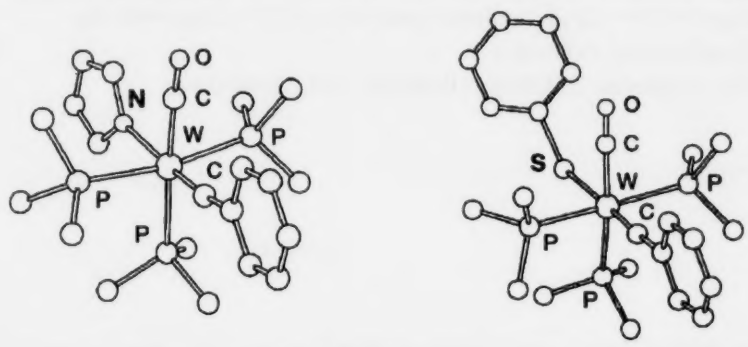
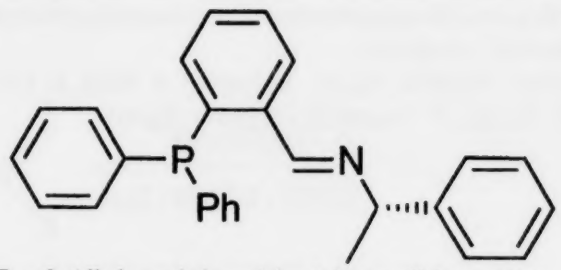
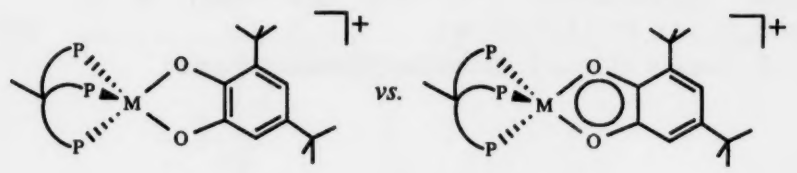
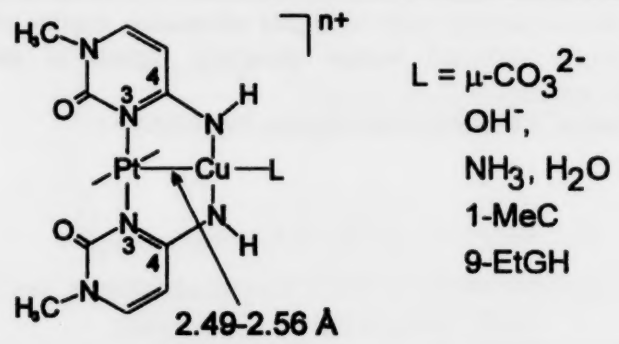
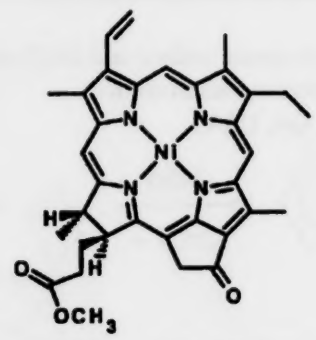
Hydrophobic effects in the stabilisation of copper(I) by the macrocyclic ligands 16,17,19,20-tetramethyl-2,6,9,13-tetraaza[14]-paracyclophane and 14,15,17,18-tetramethyl-2,5,8,11-tetraaza[12]-paracyclophane ..... 123 A. Doménech, E. García-España, V. Marcelino (Burjassot Valencia, Spain), B. Altava, S.V. Luis, J.F. Miravet (Castellón, Spain), A. Bianchi, L. Ferrini (Florence, Italy)	
Fischer-type alkylidyne tungsten complexes containing strong π donor ligands ..... 131 A. Mayr (Stony Brook, NY, USA), T.-Y. Lee (Hong Kong, Hong Kong)	
Methyl-, acetyl- and allyl-palladium and -platinum complexes containing the novel chiral phosphorus-imine 2-(diphenylphosphino)benzylidene-*S*(−)-α-methyl-benzylamine ligand ..... 141 H.A. Ankersmit (Amsterdam, Netherlands), B.H. Løken (Bergen, Norway), H. Kooijman, A.L. Spek (Utrecht, Netherlands), K. Vrieze (Amsterdam, Netherlands), G. van Koten (Utrecht, Netherlands)	 L= 2-(diphenylphosphino)-benzylidene-*S*(-)-α-methyl-benzylamine
Valence localization in [M(triphos)(3,5-di-tert-butyl-catecholate)]$^+$ ions (M=Co, Rh or Ir) probed by resonance Raman spectroscopy ..... 157 F. Hartl (Amsterdam, Netherlands), P. Barbaro (Florence, Italy), I.M. Bell, R.J.H. Clark (London, UK), T.L. Snoeck (Amsterdam, Netherlands), A. Vlček, Jr. (Prague, Czech Republic)	 M = Co, Rh, or Ir
Heteronuclear μ-1-methylcytosinato-*N*3,*N*4 complexes containing very short Pt→Cu dative bonds ..... 167 G. Fusch, E.C. Fusch, A. Erxleben (Dortmund, Germany), J. Hüttermann, H.-J. Scholl (Homburg/Saar, Germany), B. Lippert (Dortmund, Germany)	 L = μ-CO_3^{2-}, OH^-, NH_3, H_2O, 1-MeC, 9-EtGH 2.49-2.56 Å
Modeling the bonding changes in chlorophyll cation radicals: resonance Raman spectroscopy of nickel(II) methyl pyropheophorbide *a* ..... 179 C.-Y. Lin, M.L. McGlashen, S. Hu (Princeton, NJ, USA), Y.K. Shim, K.M. Smith (Davis, CA, USA), T.G. Spiro (Princeton, NJ, USA)	

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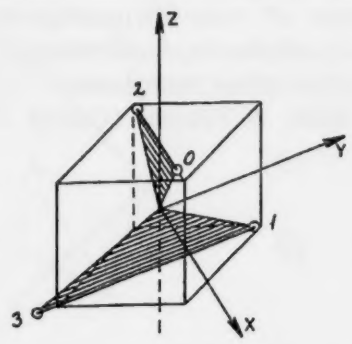

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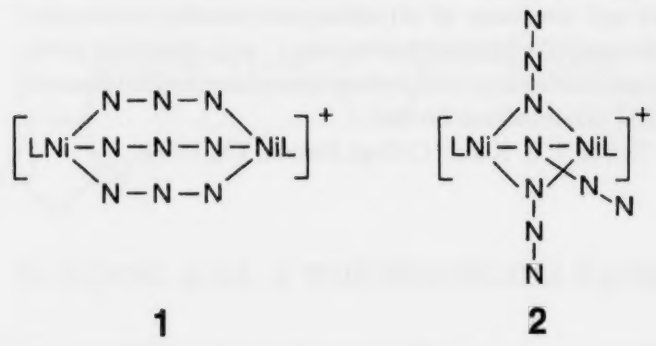

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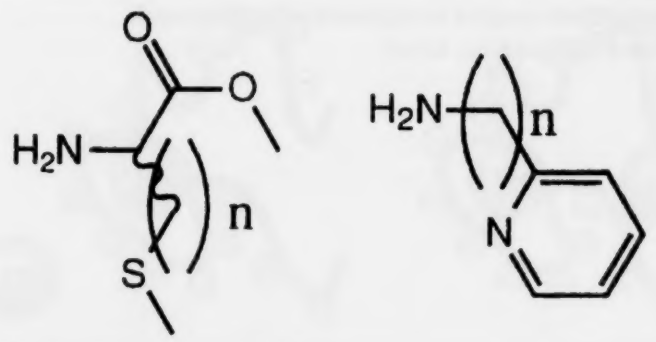

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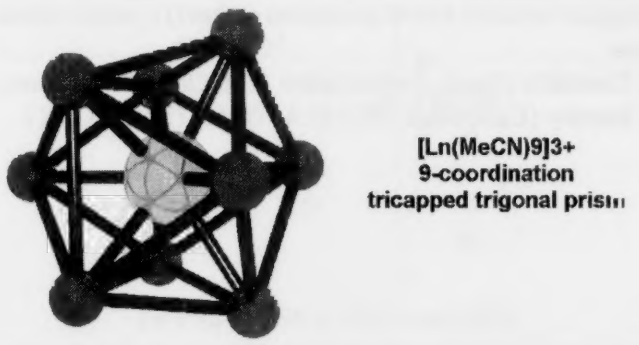

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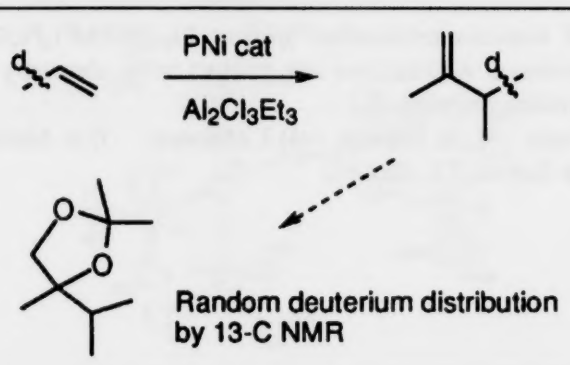

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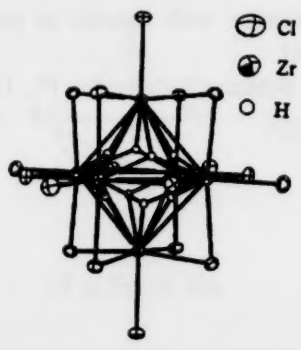
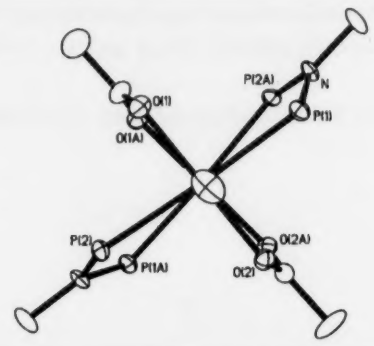


Synthesis and structure of *trans*-[di(μ-acetato)dichlorodi(μ-bis(diphenylphosphino)methylamine)dimolybdenum(II)] and the structure of bis(diphenylphosphino)methylamine ..... 251 F.A. Cotton, F.E. Kühn, A. Yokochi (College Station, TX, USA)	
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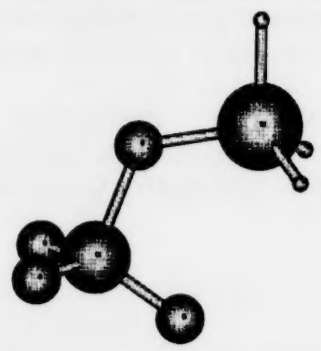
Bond dissociation energies in organometallic compounds ..... 265 H. Basch (Ramat Gan, Israel)	
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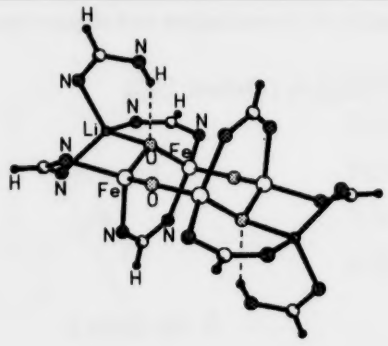
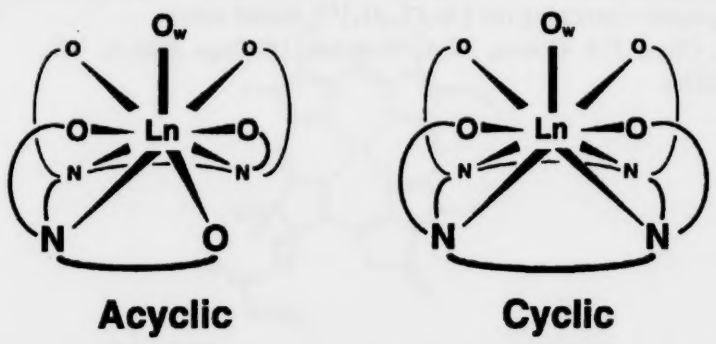
An unusual iron-oxo tetranuclear species: $Li_2(HDPhF)_2Fe_4O_4(DPhF)_6 \cdot 4$toluene. A ubiquitous side product in the chemistry of iron/formamidine compounds ..... 293 F.A. Cotton, L.M. Daniels, D.J. Maloney, C.A. Murillo (College Station, TX, USA)	
Lanthanide(III) complexation with ligands as possible contrast enhancing agents for MRI ..... 299 G.R. Choppin, K.M. Schaab (Tallahassee, FL, USA)	

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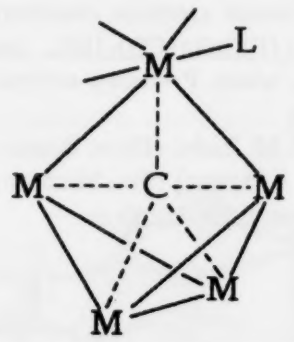

M = Fe or Ru

$\theta_L \leq 126°$

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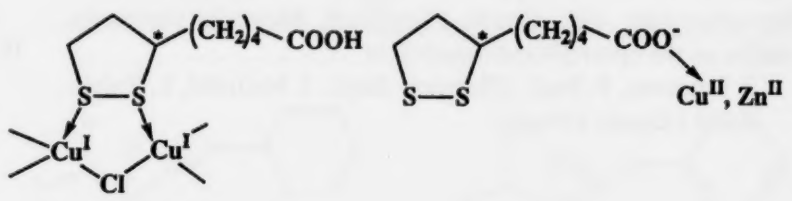

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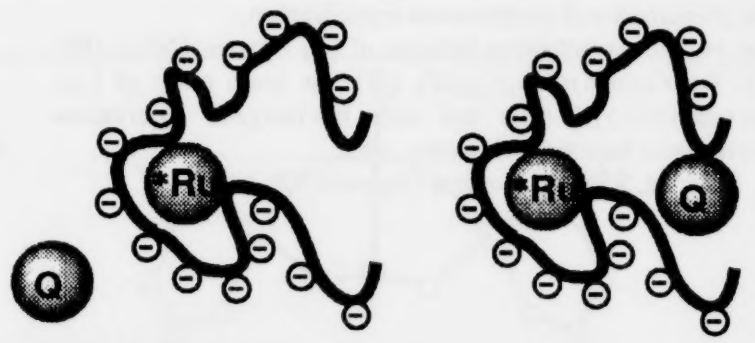

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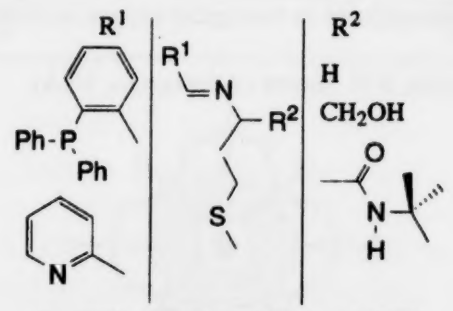

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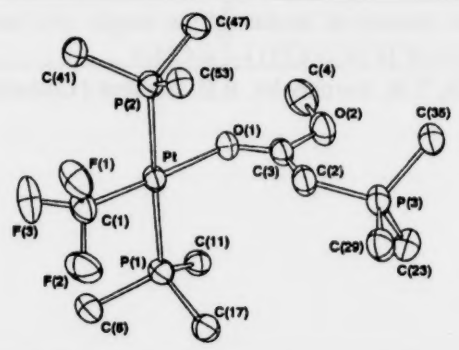

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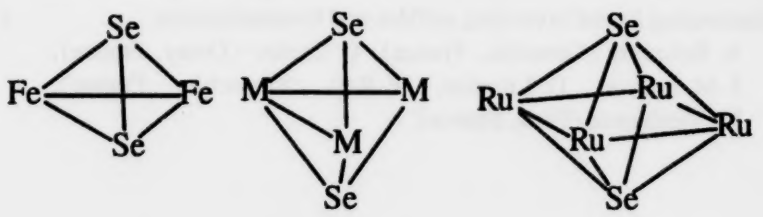

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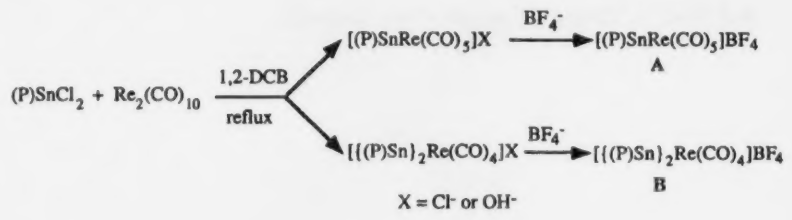

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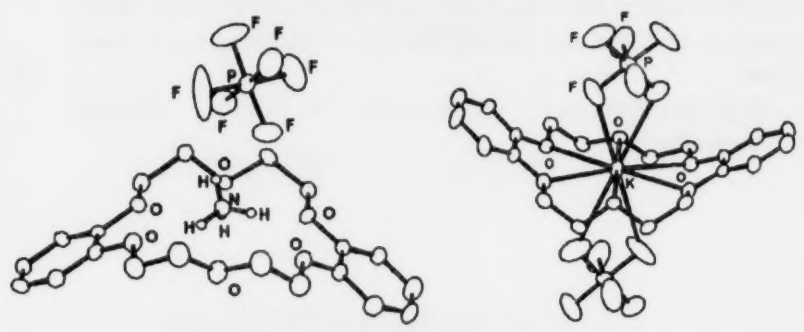

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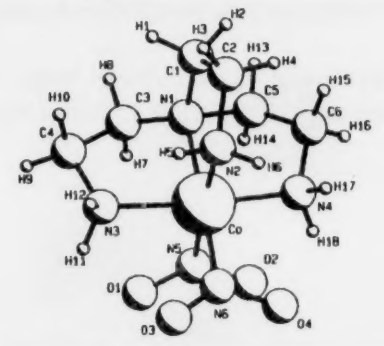

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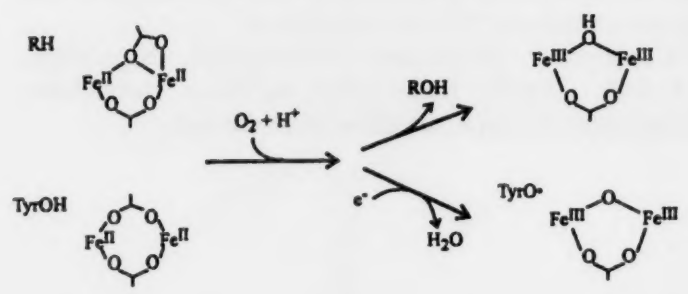

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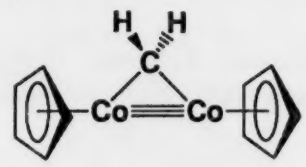

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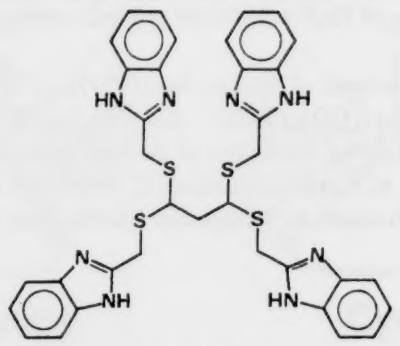

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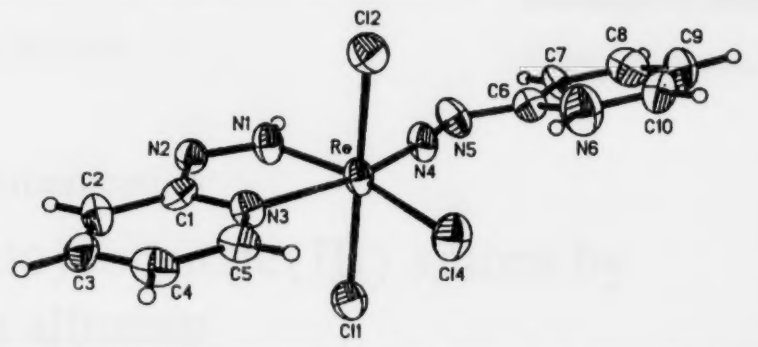

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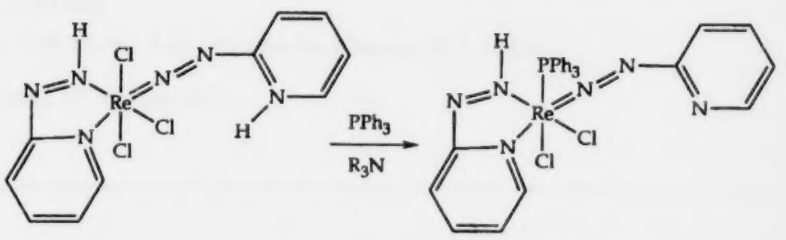

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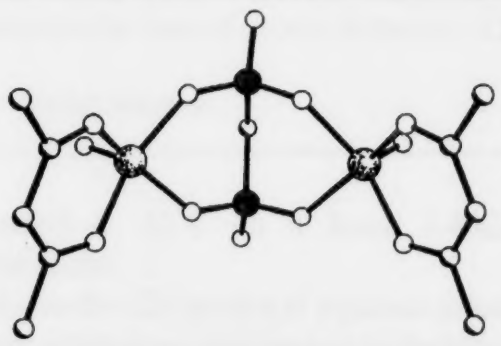

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